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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

ALTENBUCHNER, *et al.*

Div. of Appl. No.: 09/285,055

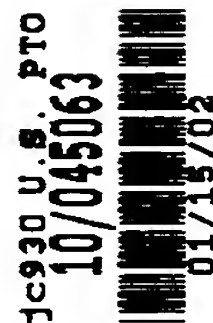
Filed: January 15, 2002 (herewith)

For: **Recombinant L-N-Carbamoylase from
Arthrobacter Aurescens and Method
of Producing L-Amino Acids Therewith**

Art Unit: to be assigned

Examiner: to be assigned

Atty. Dkt.: 21123/284981



Information Disclosure Statement

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Submitted herewith is a listing of documents known to Applicants and/or their attorney in compliance with the requirements of 37 C.F.R. § 1.56. Copies of the listed documents are enclosed. Also enclosed is a copy of the International Search Report for PCT/EP 99/01681 dated December 27, 1999.

Applicants do not waive any rights to appropriate action to establish patentability over any of the listed documents should they be applied as references against the claims of the present application. This statement should not be construed as a representation that more material information does not exist or that an exhaustive search of the relevant art has been made.

In accordance with 37 C.F.R. § 1.98(a)(3), Applicants' undersigned attorney submits the following concise explanation of the relevance of the non-English language documents cited on the accompanying form:

Reference JR, foreign patent document FR 2 728 905, describes a new stereospecific, heat-stable amino acid amidohydrolase from *B. stearothermophilus* and related DNA. The

enzyme is useful in the production of L-methionine. An English language abstract corresponding to this document is cited on in the accompanying list of references as document SR.

Reference KR, foreign patent document EP 0 625 571, describes new microorganisms that convert 5-mono-substituted hydantoin to L-alpha-amino acids in high yield. An English language abstract corresponding to this document is cited on the accompanying list of references as TR. A corresponding United States patent, U.S. 5,516,660, is enclosed herewith and is cited on in the accompanying list of references as document AR.

This IDS is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice to that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicants to comply fully.

Consideration of the cited documents and making the same of record in the prosecution of the above-captioned application are respectfully requested. Any fee necessary for the filing of this document not already provided may be charged to our Deposit Account No. 03-3975 under Order No. 21123/284981.

Respectfully submitted,
PILLSBURY WINTHROP LLP



Michael A. Sanzo
Attorney for Applicants
Reg. No. 36,912

Date: January 15, 2002
1600 Tysons Boulevard
McLean, VA 22102
(703) 905-2000

MAS/amx
enclosure

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PW FORM PAT-1449)
Patent and Trademark Office

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Dkt. No.

M#

Client Ref.

284981

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**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: ALTENBUCHNER *et al.*

Appln. No.: to be assigned

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Page

1

of

1

Examiner: to be assigned

Group Art Unit: to be assigned

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR	5,516,660	05/1996	Wagner <i>et al.</i>			
	BR						
	CR						
	DR						
	ER						
	FR						
	GR						
	HR						
	IR						

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
						Enclosed	No	Enclose	No
	JR	FR 2 728 905	07/1996	FRANCE		yes			
	KR	EP 0 625 571	11/1994	EUROPE		yes			
	LR								
	MR								
	NR								
	OR								

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	PR	Wilms <i>et al.</i> , "Cloning, nucleotide sequence and expression of a new L-N-carbamoylase gene from <i>Arthrobacter aurescens</i> DSM 3747 in <i>E. coli</i> ", <i>Journal of Biotechnology</i> , Vol. 68, 1999, pg. 101-113			
	QR	Siemann <i>et al.</i> , "Detection and Comparison of strains with selective L-hydantoin cleaving activity using polyclonal antibodies", <i>Biotechnology Techniques</i> , Vol. 7, No. 5, 1993, pg. 361-366.			
	RR	Gross <i>et al.</i> , "Screening method for microorganisms producing L-aminoacids from D, L-5-monosubstituted hydantoins", <i>Biotechnology Techniques</i> , Vol. 1, No. 2, 1987, pg. 85-90			
	SR	English language abstract of JR above			
	TR	English language abstract of KR above			
	UR				
	VR				

Examiner

Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.